

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/532767.app.	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L2	1942	((369/116) or (369/47.53) or (369/53.26)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/20 14:39
L3	2684	(peak near2 average) near6 ratio	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L4	0	L2 and L3	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L5	7	L3 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L6	3023	(multimode (multi adj mode)) near2 (laser source)	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L7	13	L2 and L6	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L8	8	L7 and ratio	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L9	0	L3 same L6	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L10	4	L3 and L6	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L11	4	((peak near2 average) near6 ratio) and ((multimode (multi adj mode)) near2 (laser source))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/20 14:39
L12	0	((peak near2 average) near6 ratio) and ((multimode (multi adj mode)) near2 (laser source))	DERWENT	OR	ON	2007/06/20 14:39
L13	177101	superimpos\$4	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L14	327587	high near2 frequenc\$4	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L15	2679	L13 near10 L14	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L16	82546	laser near4 (power driv\$4)	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L17	197	L15 same L16	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L18	35	L17 and L2	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L19	1	L15 and L16 and L3	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L20	58522	(power amplitude) near4 ratio	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39

## EAST Search History

L21	40	L15 and L16 and L20	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L22	359	(control\$5 manag\$4 adjust\$5 chang\$4 shift\$4) near10 L15	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L23	37	L22 same ratio	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L24	129	L15 same temperature	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L25	11	L24 same L16	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L26	14	("4355395"   "4480325").PN. OR ("5127015").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39
L27	1892983	peak maximum max amplitude	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L28	1287712	average mean	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L29	70286	L27 near4 L28	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L30	5437	L29 near6 ratio	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L31	1	L30 same L15	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L32	12	L30 and L15	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L33	10	L29 same L15	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L34	12	L15 and L16 and L29	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L35	510	L14 same L27 same L16	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L36	61	L35 and L2	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L37	88609	L27 near6 ratio	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L38	176	L37 near10 L16	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L39	21	L38 same L14	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L40	42	L38 and L14	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L41	13	("3866238"   "4283785"   "4480325"   "4507767"   "4656618"   "4701609"   "4712218").PN. OR ("4787078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39

## EAST Search History

L42	23	("3812477"   "3941945"   "4005259"   "4081670"   "4322839").PN. OR ("4480325").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39
L43	24	("4114180"   "4480325"   "4712218"   "4754460"   "4819242").PN. OR ("5309461").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39
L44	2125	(high near2 frequenc\$4) near4 superimpos\$4	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L45	617733	(control\$5 adjust\$4 set\$4) near4 (power peak amplitude max maximum)	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L46	163	L44 same L45	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L47	41	L46 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L48	289382	(detect\$4 determin\$4 measur\$4) near4 (peak maximum amplitude max)	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L49	19	L47 and L48	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L50	2	L46 same L48	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L51	52	L46 and L48	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L52	7	("4689795").PN. OR ("5146464").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39
L53	29	("4611352").PN. OR ("4689795").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39
L54	56815	square adj root	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L55	34549	linear adj2 (speed velocity)	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L56	34	L54 near8 L55	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L57	17	L56 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L58	294697	temperature near2 (sens\$4 measur\$5 detect\$4 determin\$4)	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L59	462583	(laser driv\$4) near3 (power intensity irradiance current voltage)	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L60	1853	L58 near6 L59	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L61	118	L60 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L62	1942	((369/116) or (369/47.53) or (369/53.26)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/20 14:39

## EAST Search History

L63	49	L60 and L62	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L64	2	L59 near6 (allowance adj value)	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L65	1	("6731584").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/20 14:39
L66	10	("5059780"   "5365535"   "5386409"   "5590111"   "5629913"   "5790482"   "5793736"   "6421314").PN. OR ("6731584").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39
L67	327587	high near2 frequenc\$4	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L68	270493	superimpo\$5 superpos\$6	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L69	3632	L67 near6 L68	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L70	504667	peak	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L71	933201	average	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L72	4	L69 near10 L70 near10 L71	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L73	3312	L70 near6 L71 near6 ratio	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L74	5	L69 and L73	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L75	1942	((369/116) or (369/47.53) or (369/53.26)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/20 14:39
L76	92	L69 and L75	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L77	7	L68 near10 L73	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L78	3	L73 and L75	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L79	29645	peak near10 average	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L80	98	L69 and L79	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L81	1	L80 and L75	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L82	45	L69 near10 ratio	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L83	45	L76 and peak	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39

## EAST Search History

L84	13	("4785443"   "4811329"   "4819242").PN. OR ("5175722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39
L85	1942	((369/116) or (369/47.53) or (369/53.26)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/20 14:39
L86	25939	modulation near3 (index depth level degree)	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L87	202	L85 and L86	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L88	34322	laser near6 (temperature degrad\$8 deterior\$8)	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L89	54	L87 and L88	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L90	270493	superimpo\$5 superpos\$6	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L91	327587	high near2 frequenc\$4	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L92	3632	L91 near6 L90	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L93	48776	detect\$4 near4 peak	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39
L94	235	L93 and L92	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39
L95	29021	laser near6 temperature	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L96	205	L92 and L95	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L97	21	L96 and L86	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L98	171	L92 and L86	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L99	35	L92 same L86	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L100	7036	modulation near3 index	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39
L101	26	L100 and L92	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L102	21	L98 and L95	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L103	35	L94 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39

## EAST Search History

L104	3812	ratio near10 peak near10 average	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L105	41	L104 near10 temperature	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39
L106	19	("4553268"   "4757193"   "5019769"   "5313482"   "5349595"   "5373387"   "5383208"   "5402433"   "5408485"   "5675599"   "5732096"   "5761230"   "5778017"   "5793789"   "5796767"   "6002699"   "6021143"   "6281823").PN. OR ("6707833").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:39
L107	49	L104 and L95	US-PGPUB; USPAT	OR	ON	2007/06/20 14:39